

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	400	"330"/\$.ccls. and (low near filter)	US-PGPUB; USPAT	OR	OFF	2009/12/10 12:46
L3	3612	"330"/\$.ccls. and (low near pass near filter)	US-PGPUB; USPAT	OR	OFF	2009/12/10 12:47
L4	64	"330"/\$.ccls. and (low near filter) and (dc near offset)	US-PGPUB; USPAT	OR	OFF	2009/12/10 12:49
L5	13	"381"/\$.ccls. and (low near filter) and (dc near offset)	US-PGPUB; USPAT	OR	OFF	2009/12/10 12:59
L6	15	("20020008262"   "20020071578"   "20030133588"   "20030235315"   "4541112"   "5352936"   "5361237"   "5377273"   "5490220"   "5675279"   "6580797"   "6693480"   "6928173"   "7046815"   "7076070").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 12:59
L7	6	("5699012"   "5898912"   "6031420"   "6137356"   "6198350"   "6329876").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:35
L13	7	330/69 and (low near filter) and (dc near offset)	US-PGPUB; USPAT	OR	OFF	2009/12/10 15:12
L14	658	330/259and (low near filter) and (dc near offset)	US-PGPUB; USPAT	OR	OFF	2009/12/10 15:12
L15	9	330/259 and (low near filter) and (dc near offset)	US-PGPUB; USPAT	OR	OFF	2009/12/10 15:12
S1	3	"5357214"	US-PGPUB; USPAT	OR	OFF	2007/08/18 10:53
S2	12	"6160450"	US-PGPUB; USPAT	OR	OFF	2007/08/18 10:54
S3	8	"6504937"	US-PGPUB; USPAT	OR	OFF	2007/08/18 10:54
S4	4	"4293823"	US-PGPUB; USPAT	OR	OFF	2007/08/18 10:54
S5	1	wo-2005076466-\$.did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/18 10:55
S6	2	"20070076904"	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/18 10:56
S7	214	381/95	US-PGPUB; USPAT	OR	OFF	2007/08/18 12:29
S8	9	"6150875"	US-PGPUB; USPAT	OR	OFF	2007/08/18 12:30
S9	5	"6424480"	US-PGPUB; USPAT	OR	OFF	2007/08/18 12:30
S10	14	("3987369"   "4361735"   "4451800"   "4466120"   "4583052"   "4598253"   "4629910"   "4718083"   "4954769"   "5097224"   "5239579"   "5337011"   "5577129"   "Re33309").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 15:06

S11	1988	"common mode" near signals	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 15:13
S12	10	(US-20070076904-\$).did. or (US-5357214-\$ or US-6160450-\$ or US-6504937-\$ or US-4293823-\$ or US-6150875-\$ or US-6424480-\$ or US-5337011-\$ or US-4451800-\$).did. or (WO-2005076466-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/18 15:06
S13	1	S11 and S12	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/08/18 15:06
S14	2	("common mode" near signals) same "audio band"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 15:07
S15	300	("common mode" near signals) same "differential mode"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 15:17
S16	24921	"phase shifter"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 15:19
S17	1	S12 and S16	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 15:19
S18	30	S16 near "differential amplifier"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/18 15:19
S19	118110	phase near shift\$3	US-PGPUB; USPAT	OR	OFF	2007/08/18 15:40
S20	1	S12 and S19	US-PGPUB; USPAT	OR	OFF	2007/08/18 15:56
S21	1802	"voltage pump"	US-PGPUB; USPAT	OR	OFF	2007/08/18 15:56
S22	0	S21 and 381/95	US-PGPUB; USPAT	OR	OFF	2007/08/18 15:56
S23	4	S21 and 381/113	US-PGPUB; USPAT	OR	OFF	2007/08/18 16:12
S24	1	mems and S12	US-PGPUB; USPAT	OR	OFF	2007/08/18 16:17
S25	68	mems near microphone	US-PGPUB; USPAT	OR	OFF	2007/08/18 16:48
S26	625328	(transition frequency near range)	US-PGPUB; USPAT	OR	OFF	2007/08/18 16:56
S27	61	S26 and 381/95	US-PGPUB; USPAT	OR	OFF	2007/08/18 16:56
S28	31	("transition frequency" near range)	US-PGPUB; USPAT	OR	OFF	2007/08/18 17:04
S29	246	("transition frequency" same range)	US-PGPUB; USPAT	OR	OFF	2007/08/18 17:04
S30	246	("transition frequency" same range)S29 and 381/95	US-PGPUB; USPAT	OR	OFF	2007/08/18 17:04
S31	0	S29 and 381/95	US-PGPUB; USPAT	OR	OFF	2007/08/18 17:05
S32	2	S29 and 381/113	US-PGPUB; USPAT	OR	OFF	2007/08/18 17:17
S33	34584	bipolar near transistor	US-PGPUB; USPAT	OR	OFF	2007/08/18 17:17
S34	2	S33 and 381/95	US-PGPUB; USPAT	OR	OFF	2007/08/18 17:17

S35	5	deruginsky-michael\$.in.	US-PGPUB; USPAT	OR	OFF	2007/08/19 19:04
S36	11	furst-claus\$.in.	US-PGPUB; USPAT	OR	OFF	2007/08/19 19:04
S37	228	381/95	US-PGPUB; USPAT	OR	OFF	2008/05/20 16:17
S38	107	S37 and feedback	US-PGPUB; USPAT	OR	OFF	2008/05/20 16:49
S39	3	"5357214"	US-PGPUB; USPAT	OR	OFF	2008/05/20 18:23
S40	13	(US-20070076904-\$).did. or (US-5337011-\$ or US-4451800-\$ or US-6504937-\$ or US-6150875-\$ or US-5357214-\$ or US-4293823-\$ or US-6424480-\$ or US-6160450-\$ or US-6731163-\$ or US-5386474-\$ or US-7356151-\$).did. or (WO-2005076466-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2009/06/15 18:13
S41	4	S40 and offset	US-PGPUB; USPAT	OR	OFF	2009/06/15 18:13
S42	130	(381/95,113,114,115,122,56).ccls. and offset	US-PGPUB; USPAT	OR	OFF	2009/06/15 18:17
S43	63	(381/95,113,114,115,122,56).ccls. and offset and feedback	US-PGPUB; USPAT	OR	OFF	2009/06/15 18:17
S44	11	("5162799"   "5347279"   "5471209"   "5577129"   "5614904"   "5832076"   "6285769"   "6427015"   "6456219"   "6539096"   "6853733").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 18:38
S45	15	("20020008262"   "20020071578"   "20030133588"   "20030235315"   "4541112"   "5352936"   "5361237"   "5377273"   "5490220"   "5675279"   "6580797"   "6693480"   "6928173"   "7046815"   "7076070").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/15 18:42
S46	10	"6332028"	US-PGPUB; USPAT	OR	OFF	2009/12/09 12:54

12/10/2009 3:17:14 PM

C:\Documents and Settings\gmonikang\My Documents\EAST\Workspaces\microphone preamplifier.wsp